

**Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur**

**Academic Session 2022-2023**

**Bachelor of Science (B. Sc.) (Semester-V)**

**COMPUTER SCIENCE Paper-I-VB Programming**

**UNIT TEST on Unit I and II**

Time: 45 min.]

[Maximum Marks: 20

N.B. :- (1) Solve all the questions.

1. Explain Visual Basic Window components listed as below : (i) Project Explorer Window (ii) Properties Window (iii) Form Layout Window. 5

Or

2. Explain different datatypes in VB. 5

3. Explain the following controls in VB : (i) Image Control (ii) Picture Control (iii) Timer Control. 5

Or

4. Write short note on Looping Structure in VB. 5

5. What is an Array ? Explain different types of Arrays with example. 5

Or

6. Explain the different user interaction functions in VB. 5

7. Explain the different conversion functions in VB. 5

Or



**Signature of Teacher**



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**Academic Session 2022-2023**

**Bachelor of Science (B. Sc.) (Semester-V)**

**COMPUTER SCIENCE Paper-I-VB Programming**

**UNIT TEST MARKS OUT OF 20**

**Name of Teacher: Dr. A. A. Haldar**

**Date:18/08/2022**

S.N.	Name of Student	Group	Paper I Test I
1	ANCHAL MESHRAM	ECsM	17
2	AVANTIKA LOKHANDE	ECsM	20
3	DHANSHRI SHIVANKAR	ECsM	A
4	JANHAVI PARDHI	ECsM	17
5	JAYASHRI KULMETHE	ECsM	20
6	JYOTI LANJEWAR	ECSM	19
7	KALYANI GHUGHAL	ECSM	15
8	KALYANI SUTSONKAR	ECSM	11
9	KETKI UPASE	ECSM	A
10	NIKITA MISHRA	ECSM	17
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12	RISHIKA DURGE	ECsM	18
13	SAKSHI KOLHE	ECsM	A
14	SAMIDHA BHENDE	ECsM	19
15	SAMRUDDHI PADMAWAR	ECsM	13
16	SHARVARI CHAUDHARI	ECsM	17
17	SIYA THAKUR	ECsM	17
18	ABHISHEK FASATE	ECsM	A
19	ANIKET MENDHE	ECsM	18
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23	DNYANESH PIMPARKAR	ECsM	18
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26	PRANAY WARKHADE	ECsM	11
27	PRATHEMESH PARISE	ECsM	11
28	ROHAN BANSOD	ECsM	18
29	TANISHQ KORDE	ECsM	A

30	TANMAY MASKE	ECsM	15
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32	VISHAL RATHOD	ECSM	11
33	YOGESH NANDANWAR	ECSM	13
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1	Aastha raut	PCSM	A
2	ANAMIKA GOMASE	PCSM	12
3	ARTI JADHAO	PCSM	20
4	AYUSHREE PARDHI	PCSM	11
5	Amrita Tiwari	PCSM	11
6	DIPIKA SHRIPAD	PCSM	11
7	DIVYA KHANDATE	PCSM	13
8	HARSHIKA CHIMANKAR	PCSM	A
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12	KOMAL THAKARE	PCSM	19
13	NEHA MAHORE	PCSM	17
14	NIKITA MATE	PCSM	A
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51	YASH LICHADÉ	PCSM	15
52	YASHPREET SINGH	PCSM	15
53	Nishant Sonkusare	PCSM	12
S.N.	Name of Students (SCSM)	Group	11
1	AANCHAL GAIKWAD	SCSM	13
2	AKSHADA GIRHE	SCSM	12
3	ASHMI DATTA	SCSM	12
4	BHAIRAVI CHAUHAN	SCSM	14
5	BHAVNA GAIKWAD	SCSM	13
6	CHARUSHREE MESHRAM	SCSM	A
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43	ROUNAK KSHIRSAGAR	SCSM	A
44	VISHNU JOSHI	SCSM	14

**Signature of Teacher**

**Head of Department**  
 Professor & Head  
 Department of Computer Science  
 S.S.E.S. Am's Science College,  
 Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur**

**Academic Session 2022-2023**

**Bachelor of Science (B. Sc.) (Semester-V)**

**COMPUTER SCIENCE Paper-I-VB Programming**

**UNIT TEST on Unit III and IV**

Time: 45 min.]

[Maximum Marks: 20

N.B. :- (1) Solve all the questions.

1. What is Popup Menu ? Explain the methods to create Popup Menu. 5  
Or
2. Explain the steps to create database, using Visual Data Manager. 5
3. Write the steps to create menu using menu editor in VB. 5  
Or
4. Write the steps to create search program in VB using DAO. 5
5. Write a note on Error Handling in VB. 5  
Or
6. Explain the following advanced data controls :  
(i) Data List  
(ii) Data Combo  
(iii) Data Grid. 5
7. What is ADO Control ? Explain the three ways to connect database using ADO control. 5  
Or
8. Write short note on Data Environment and Data Report in VB. 5



**Signature of Teacher**



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Academic Session 2022-2023

Bachelor of Science (B. Sc.) (Semester-V)

COMPUTER SCIENCE Paper-I-VB Programming

UNIT TEST MARKS OUT OF 20

Name of Teacher: Dr. A. A. Haldar

Date:27/09/2022

S.N.	Name of Student	Group	Paper I Test 2
1	ANCHAL MESHAM	ECsM	14
2	AVANTIKA LOKHANDE	ECsM	19
3	DHANSHRI SHIVANKAR	ECsM	13
4	JANHAVI PARDHI	ECsM	A
5	JAYASHRI KULMETHE	ECsM	17
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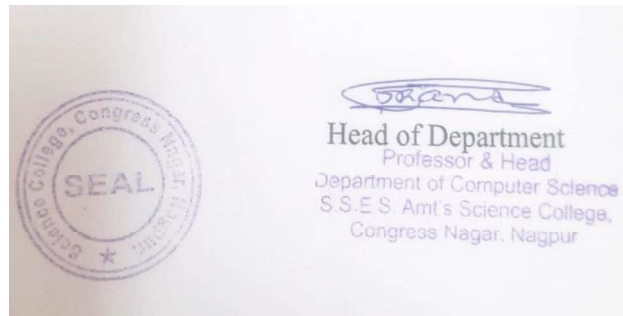
29	TANISHQ KORDE	ECsM	19
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**Signature of Teacher**



**Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur**

**Academic Session 2022-2023**

**Bachelor of Science (B. Sc.) (Semester-V)**

**COMPUTER SCIENCE Paper-II-DBMS**

**UNIT TEST on Unit I and II**

Time: 45 min.]

[Maximum Marks: 20

N.B. :- (1) Solve all the questions.

1. Give classification of Data Models and explain in brief. 5  
Or
2. Explain network data model with example and discuss advantages and disadvantages of this model. 5
3. Explain different problems associated with traditional file processing system. 5  
Or
4. Draw three level architecture of DBMS and explain. 5
5. Explain super key, candidate key and primary key with suitable example. 5  
Or
6. Explain Data Migration, Relationship giving suitable example. 5
7. Define attribute. Explain :  
(i) Simple and composite attribute  
(ii) Single valued and multivalued  
(iii) Null attribute  
(iv) Derived attribute. 5  
Or
8. List symbols used in E-R diagram and explain their meaning. Give one example of E-R diagram. 5



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**Academic Session 2022-2023**

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**COMPUTER SCIENCE Paper-II-DBMS**

**UNIT TEST MARKS OUT OF 20**

**Name of Teacher: Prof. S. R. Pande**

**Date: 17/08/2022**

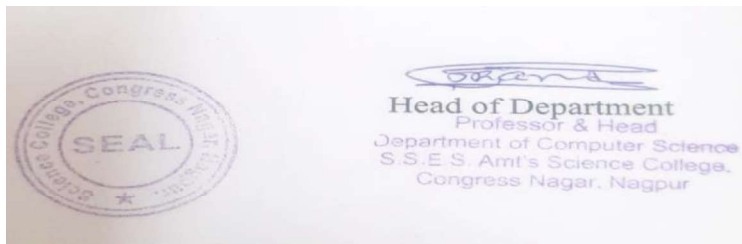
S.N.	Name of Student	Group	Paper II Test I
1	ANCHAL MESHRAM	ECsM	13
2	AVANTIKA LOKHANDE	ECsM	12
3	DHANSHRI SHIVANKAR	ECsM	17
4	JANHAVI PARDHI	ECsM	14
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43	ROUNAK KSHIRSAGAR	SCSM	A
44	VISHNU JOSHI	SCSM	14

**Signature of Teacher**



**Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur**

**Academic Session 2022-2023**

**Bachelor of Science (B. Sc.) (Semester-V)**

**COMPUTER SCIENCE Paper-II-DBMS**

**UNIT TEST on Unit III and IV**

Time: 45 min.]

[Maximum Marks: 20

N.B. :- (1) Solve all the questions.

1. Explain following operations with suitable example :

(i) Union

(ii) Set difference.

Or

5

2. Consider following relation :

NSS\_UNIT(stu\_name, volunteer\_no)

NCC\_UNIT(stu\_name, cadet\_no)

Answer following query in relational algebra :

Find names of all students who are members of both NSS\_UNIT and NCC\_UNIT.

3. Explain left, right and full outer join operation with example.

5

Or

4. Consider following relation :

loan(branch\_name, loan\_no, loan\_amt).

Construct queries in relational algebra for following :

(i) Find all tuples with branch name "XYZ".

(ii) Find all tuples with loan\_amt more than 2 lac.

(iii) Find all tuples with branch name "PQR" and loan\_amt more than 5 lac.

(iv) Find branch\_name of loan\_no "LOOA58".

(v) Find loan\_no pertaining to "MNO" branch.

5

5. Explain 2NF. Discuss problems arising in three basic operations \_insert, delete and update when relation is in 2NF.

5



Or

6. Identify the functional dependencies in the following table :—

5

J	K	L
x	1	2
x	1	3
y	1	4
y	1	3
z	2	5
P	4	7

7. What is Functional Dependency ? Explain full and partial functional dependency with example.

5

Or

8. Explain partial functional dependency and transitive functional dependency with example.

5



**Signature of Teacher**



**Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur**

**Academic Session 2022-2023**

**Bachelor of Science (B. Sc.) (Semester-V)**

**COMPUTER SCIENCE Paper-II-DBMS**

**UNIT TEST MARKS OUT OF 20**

**Name of Teacher: Prof. S. R. Pande**

**Date: 28/09/2022**

S.N.	Name of Student	Group	Paper II Test 2
1	ANCHAL MESHARAM	ECsM	12
2	AVANTIKA LOKHANDE	ECsM	17
3	DHANSHRI SHIVANKAR	ECsM	A
4	JANHAVI PARDHI	ECsM	17
5	JAYASHRI KULMETHE	ECsM	12
6	JYOTI LANJEWAR	ECSM	18
7	KALYANI GHUGHAL	ECSM	20
8	KALYANI SUTSONKAR	ECSM	18
9	KETKI UPASE	ECSM	A
10	NIKITA MISHRA	ECSM	16
11	PRANAYA POUNIKAR	ECSM	12
12	RISHIKA DURGE	ECsM	15
13	SAKSHI KOLHE	ECsM	13
14	SAMIDHA BHENDE	ECsM	14
15	SAMRUDDHI PADMAWAR	ECsM	A
16	SHARVARI CHAUDHARI	ECsM	15
17	SIYA THAKUR	ECsM	12
18	ABHISHEK FASATE	ECsM	17
19	ANIKET MENDHE	ECsM	13
20	ARPIT ROKADE	ECsM	20
21	ATHARVA NEWARE	ECsM	20
22	BHUSHAN ZOMBADE	ECsM	11
23	DNYANESH PIMPARKAR	ECsM	A
24	HARSHAL GHAGARE	ECsM	20
25	HIMANSHU BACHALE	ECsM	12
26	PRANAY WARKHADE	ECsM	16
27	PRATHEMESH PARISE	ECsM	20
28	ROHAN BANSOD	ECsM	A
29	TANISHQ KORDE	ECsM	11

30	TANMAY MASKE	ECsM	12
31	TEJAS GURAO	ECsM	11
32	VISHAL RATHOD	ECSM	14
33	YOGESH NANDANWAR	ECSM	16
S.N.	Name of Students (PCSM)	Group	
1	Aastha raut	PCSM	A
2	ANAMIKA GOMASE	PCSM	14
3	ARTI JADHAO	PCSM	18
4	AYUSHREE PARDHI	PCSM	A
5	Amrita Tiwari	PCSM	19
6	DIPIKA SHRIPAD	PCSM	11
7	DIVYA KHANDATE	PCSM	15
8	HARSHIKA CHIMANKAR	PCSM	15
9	ISHIKA ZARBADE	PCSM	14
10	KALYANI RAMTEKE	PCSM	19
11	KHUSHI RAUT	PCSM	13
12	KOMAL THAKARE	PCSM	13
13	NEHA MAHORE	PCSM	11
14	NIKITA MATE	PCSM	A
15	PRAGATI SINGH	PCSM	17
16	PRIYADARSHANI AWASTHI	PCSM	13
17	PURVA LANDGE	PCSM	12
18	RAVINA KAMBLE	PCSM	A
19	REENA CHAUDHARI	PCSM	18
20	RIDDHI DHURAI	PCSM	18
21	SAKSHI RUNGHE	PCSM	12
22	SARIKA LUTE	PCSM	20
23	SAYALI KHANKE	PCSM	17
24	SEJAL WAGHE	PCSM	A
25	SHRUTI HULKE	PCSM	11
26	SOMYA MISHRA	PCSM	13
27	SONAM CHHAWARE	PCSM	16
28	TANISHA SHUKLA	PCSM	13
29	UNNATI BHOYAR	PCSM	15
30	VAISHNAVI BARDE	PCSM	20
31	VAISHNAVI DHOTE	PCSM	17
32	VAISHNAVI SENGAR	PCSM	16
33	VIBHANSHA PATIL	PCSM	15
34	VIDHI UGALE	PCSM	14
35	JAYSHREE SARODE	PSCM	12
36	ABHINAV GOTMARE	PCSM	15

37	AVINASH TAKOTE	PCSM	12
38	JAY CHIREKAR	PCSM	15
39	KALASH KHAJURIYA	PCSM	12
40	NIRAJ SELOKAR	PCSM	A
41	RUTIK CHAMBHARE	PCSM	15
42	SANKET SHENDE	PCSM	17
43	SARTHAK SHAHARE	PCSM	15
44	SUBODH NIMJE	PCSM	11
45	TUSHAR TEMBURNIKAR	PCSM	12
46	VAIBHAV KAKDE	PCSM	19
47	VAIBHAV WAGH	PCSM	11
48	VINAY GAWANDE	PCSM	20
49	VISHAL BORKAR	PCSM	A
50	YASH PACHODE	PCSM	16
51	YASH LICHADE	PCSM	13
52	YASHPREET SINGH	PCSM	14
53	Nishant Sonkusare	PSCM	14
S.N.	Name of Students (SCSM)	Group	
1	AANCHAL GAIKWAD	SCSM	13
2	AKSHADA GIRHE	SCSM	19
3	ASHMI DATTA	SCSM	19
4	BHAIRAVI CHAUHAN	SCSM	14
5	BHAVNA GAIKWAD	SCSM	14
6	CHARUSHREE MESHAM	SCSM	14
7	DHANSHREE NEHARE	SCSM	18
8	HIMANSHI FULWANI	SCSM	A
9	MADHVI SINGH	SCSM	16
10	MANSI GOKHALE	SCSM	20
11	MANSI HEDAOO	SCSM	12
12	MAYURI MADANKAR	SCSM	11
13	NAINAL SHANGONDAWAR	SCSM	11
14	NEHA MOHATURE	SCSM	A
15	NIKITA SAKHARKAR	SCSM	16
16	POORVI GAJBHIYE	SCSM	19
17	PORNIMA AWARI	SCSM	17
18	PRIYA INGLE	SCSM	12
19	RENUKA CHORE	SCSM	15
20	RINKU HATTEWAR	SCSM	A
21	SAKSHI PURSWAMI	SCSM	15
22	SAKSHI GUMGAONKAR	SCSM	18

23	SAKSHI KALE	SCSM	18
24	SEJAL SONULE	SCSM	16
25	SHRADDHA WATH	SCSM	20
26	SHRADDHA SALVE	SCSM	A
27	SHRUTI KARANDE	SCSM	11
28	SHRUSTI ZADE	SCSM	16
29	TANVI KEDAR	SCSM	19
30	VAISHNAVI DANGRE	SCSM	17
31	VEDIKA POPHALI	SCSM	16
32	VIDHI JAUHARI	SCSM	A
33	VIDNYANI UMATHE	SCSM	14
34	ADITYA GOUR	SCSM	13
35	ARYAN PATIL	SCSM	16
36	DIVYANSHU CHOUKSEY	SCSM	13
37	JAYESH BORKAR	SCSM	19
38	MRUNAL BENDARE	SCSM	A
39	OM MANGLE	SCSM	18
40	PIYUSH MESHRAM	SCSM	16
41	PRAJWAL ALONE	SCSM	14
42	PREM HINGWE	SCSM	18
43	ROUNAK KSHIRSAGAR	SCSM	12
44	VISHNU JOSHI	SCSM	A

**Signature of Teacher**



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